To:				PCT					
	see form l	PCT/ISA/220		WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY (PCT Rule 43 <i>bis</i> .1)					
				(FC1 Nule 43DIS.1)					
				Date of mailing (day/month/year) see form PCT/ISA/210 (second sheet)					
• •	cant's or agent's file form PCT/ISA/22			FOR FURTHER ACTION See paragraph 2 below					
	national application N EP2004/007597		International filing date (co. 08.07.2004	day/month/year)	Priority date (day/month/year) 08.07.2003				
International Patent Classification (IPC) or both national classification and IPC C09D5/04, C08G18/28, C07C273/18									
Applicant AKZO NOBEL N.V.									
1.	This opinion co	ntains indication	ons relating to the foll	owing items:					
	⊠ Box No. I	Basis of the op	inion	:					
	☑ Box No. II	Priority		•					
	☐ Box No. III	Non-establishr	nent of opinion with reg	ard to novelty, inventiv	ve step and industrial applicability				
	☐ Box No. IV	Lack of unity of	f invention						
Box No. V Reasoned statement under Rule 43bis.1(a)(l) with regard to novelty, inventive step or indus applicability; citations and explanations supporting such statement									
	☐ Box No. VI	Certain docum	ents cited						
	☐ Box No. VII	Certain defects	s in the international app	olication					
	☐ Box No. VIII	Certain observ	ations on the internation	nal application	-570				
2.	The state of the s								
If a demand for international preliminary examination is made, this opinion will usually be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA"). However, this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notifed the International Bureau under Rule 66.1 bis(b) that written opinions of this International Searching Authority will not be so considered.									
	IPEA, the applicant is invited to ents, before the expiration of three of 22 months from the priority date,								
For further options, see Form PCT/ISA/220.									
				For further details, see notes to Form PCT/ISA/220.					

Name and mailing address of the ISA:



European Patent Office D-80298 Munich Tel. +49 89 2399 - 0 Tx: 523656 epmu d Fax: +49 89 2399 - 4465 Authorized Officer

Heidenhain, R

Telephone No. +49 89 2399-8673



International application No. PCT/EP2004/007597

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

4. Additional comments:

IAPZO REGISTITIO 09 JAN 2006

		Box N	o. I Basis of the opinion			
	1.	With regard to the language , this opinion has been established on the basis of the international application in the language in which it was field, unless otherwise indicated under this item.				
		la	his opinion has been established on the basis of a translation from the original language into the following nguage , which is the language of a translation furnished for the purposes of international search under Rules 12.3 and 23.1(b)).			
	2.	With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:				
		a. type of material:				
			a sequence listing			
()			table(s) related to the sequence listing			
1 /		b. form	nat of material:			
			in written format			
			in computer readable form			
		c. time	e of filing/furnishing:			
			contained in the international application as filed.			
			filed together with the international application in computer readable form.			
			furnished subsequently to this Authority for the purposes of search.			
	3.	ha Co	addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto as been filed or furnished, the required statements that the information in the subsequent or additional opies is identical to that in the application as filed or does not go beyond the application as filed, as oppropriate, were furnished.			

_										
Box No. II Priority										
1.	ed:									
		\boxtimes	copy of the earlier application whose priority has been claimed (Rule 43bis.1 and 66.7(a)).							
			□ translation of the earlier application whose priority has been claimed (Rule 43 <i>bis</i> .1 and 66.7(b							
	Consequently it has not been possible to consider the validity of the priority claim. This opinion has nevertheless been established on the assumption that the relevant date is the claimed priority date.									
2.		This opinion has been established as if no priority had been claimed due to the fact that the priority claim has been found invalid (Rules 43 <i>bis</i> .1 and 64.1). Thus for the purposes of this opinion, the international filing date indicated above is considered to be the relevant date.								
3.	3. Additional observations, if necessary:									
_	Box	· No. V	Resented states	ment und	or Rulo 4	3his 1(a)(i) with regard to novelty inventive step or				
Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive standardial applicability; citations and explanations supporting such statement										
1.	Sta	tement								
	Nov	Novelty (N)		Yes:	Claims	1-21				
		, ,		No:	Claims					
	Inventive st		ep (IS)	Yes:	Claims	1-21				
				No:	Claims					
	Indi	ndustrial applicability (IA)		Yes:	Claims	1-21				
				No:	Claims					

2. Citations and explanations

see separate sheet

BEST AVAILABLE COPY

Re Item V.

()

()

<u>Novelty</u>: None of the cited documents relates to rheology control agents which are urea forming reaction products of mono- or polyamines with isocyanates, in which any of these two components carries chiral carbon atoms adjacent to the amine- or isocyanate group (Art. 33,2 PCT).

<u>Inventive step</u>: DE-A-101 39 262 (D1) is regarded as closest prior art. It describes urea compounds produced by reaction of isocyanates with sterically hindered primary or secondary monoamines and their use as rheology modifiers. No optically active amines or isocyanates are involved in these reactions.

Object was to provide rheology modifiers of improved performance, particularly high viscosity at low shear. The flow curves in the experimental part of the application show significantly steeper drop of viscosity as a function of increasing shear for those compositions including optically active urea compounds as claimed when compared with their racemic counterparts or conventional rheology modifiers. As there is no further document relating to optically active rheology modifiers there is no pointer towards the found solution. Therefore, an inventive step is acknowledged (Art. 33,3 PCT).

Industrial applicability: no objection.